

IFW 1762

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
J. Yong Ryu

§ Attorney File: CDT 1828

Serial No.: 10/828,823

§ Group Art Unit: 1764

Filed: 04/21/04

§ Examiner:

For: Ni Catalyst, Process for Making Catalysts and Selective Hydrogenation Process

O P M
PATENT & TRADEMARK OFFICE
JUL 09 2004
INFORMATION DISCLOSURE STATEMENT

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This document and the attachments hereto are presented in accordance with the requirements of 37 CFR § 1.56. Below is listed information which may be material to the cited application and, which the examiner may deem important and wish to consider in conjunction with the examination of the cited application. The relevance of the information is a subjective test and its submission here may be based on the fact the information provides background or in some manner relates to subject matter disclosed or claimed in the cited application. The submission of information herewith is not intended to be, nor is it an admission either directly or indirectly that all or any portion of said information is prior art as to any aspect of the invention(s) disclosed or claimed in the cited application. A copy of each reference is enclosed herewith. (See attached form)

Respectfully Submitted


Kenneth H. Johnson
ATTORNEY FOR APPLICANT
Reg. No. 22,966
P.O. Box 630708
Houston, Texas 77263
TEL: (713) 780-7047
FAX: (713) 780 7671

Date 07/07/04



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on 07/07/04


Kenneth H. Johnson



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1 of 2

Complete if Known

| | |
|------------------------|-------------|
| Application Number | 10/828,823 |
| Filing Date | 04/21/04 |
| First Named Inventor | J. Yong Ryu |
| Art Unit | 1764 |
| Examiner Name | |
| Attorney Docket Number | CDT 1828 |

| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (<i>If known</i>) | | | |
| | | US- 3,793,388 | 02/19/74 | E. Pitzer | Class 260-677A |
| | | US- 4,179,408 | 12/18/79 | Sanchez et al. | Class 252/448 |
| | | US- 5,028,665 | 07/02/91 | Hucul | Class 525/339 |
| | | US- 5,258,340 | 11/02/93 | Augustine et al. | Class 502/60 |
| | | US- 5,756,420 | 05/26/98 | Wittenbrink et al. | Class 502/313 |
| | | US- 5,866,734 | 02/02/99 | Flick et al. | Class 585/260 |
| | | US- 6,127,310 | 10/03/00 | Brown et al. | Class 502/339 |
| | | US- 6,350,717 | 02/26/02 | Frenzel et al. | Class 502/330 |
| | | US- 6,388,150 | 05/14/02 | Overbeek et al. | Class 585/260 |
| | | US- 6,437,206 | 08/20/02 | Meyer et al. | Class 585/260 |
| | | US- 6,509,292 | 01/21/03 | Blankenship et al. | Class 502/330 |
| | | US- | | | |

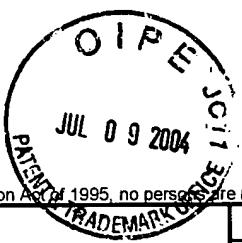
| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>If known</i>) | | | T ⁶ |
| | | WO 99/55648 A1 | 11/04/99 | DSM NV vloon | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| | | |
|--------------------|--|-----------------|
| Examiner Signature | | Date Considered |
|--------------------|--|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| | | | | | |
|--|---|----|---|------------------------|-------------|
| Substitute for form 1449/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Application Number | 10/828,823 |
| | | | | Filing Date | 04/21/04 |
| | | | | First Named Inventor | J. Yong Ryu |
| | | | | Art Unit | 1764 |
| | | | | Examiner Name | |
| Sheet | 2 | of | 2 | Attorney Docket Number | CDT 1828 |

NON-PATENT LITERATURE DOCUMENTS

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

1 Applicant's unique citation designation number (optional). **2** Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.